

Form PTO-1449 U.S. DEPARTMENT OF COMMERCE (REV. 7-80) PATENT AND TRADEMARK OFFICE		Atty. Docket No. 14766	Serial No. 09/967,184
LIST OF PRIOR ART CITED BY APPLICANT		Applicant Heikki Heikkila, et al.	
(Use several sheets if necessary)		Filing Date 09/28/01	Group Unassigned

U.S. PATENT DOCUMENTS

EXAMINER INITIAL*	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE (if appropriate)
AA						
AB						
AC						
AD						
AE						
AF						
AG						

OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

TM abstract only	Derwent's abstract, Accession No. 2000-376948, week 0033, ABSTRACT OF CN, 1234404 (Univ Huadong Sci & Eng) 10 November 1999.
TM abstract only	STN International, Accession No. 1982:541125, document no. 97.141125, Trusova, L.I. et al.: "Chromatographic determination of carbohydrates and ketonic acids in culture media"; TR.-Vses. Gos. Nauchno-Kontrol'n. Inst. Vet. Prep., 29-30, 114-21 (Russian) 1980

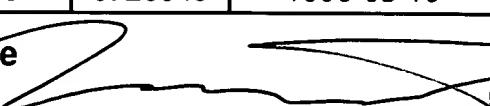
EXAMINER  DATE CONSIDERED 3/25/13

ELECTRONIC INFORMATION DISCLOSURE STATEMENT

Electronic Version v18

Stylesheet Version v18.0

Title of Invention	Method for Recovering Products							
Application Number :	09/967184							
Confirmation Number:	5971							
First Named Applicant:	Heikki Heikkila							
Attorney Docket Number:	1427.0120000							
Art Unit:	1623							
Examiner:	Traviss C. McIntosh III.							
Search string:			(6419828 or 5407817 or 5571703 or 5779164 or 5975439 or 6267309 or 5506123 or 5968362 or 6391204 or 5407580 or 5538637 or 5820687 or 5726046).pn					
<p><u>Certification:</u> This Information Disclosure Statement was submitted under the following conditions, which satisfies the requirement under 37 CFR 1.97(e). The filer certified:</p> <p>That no item of information contained in the information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the person signing the certification after making reasonable inquiry, no item of information contained in the information disclosure statement was known to any individual designated in 37 CFR 1.56(c) more than three months prior to the filing of the information disclosure statement.</p>								
<h2>US Patent Documents</h2>								
<p>Note: Applicant is not required to submit a paper copy of cited US Patent Documents</p>								
init	Cite.No.	Patent No.	Date	Patentee	Kind	Class	Subclass	
1	6419828	2002-07-16	Russo, Jr.					
2	5407817	1995-04-18	Lightsey et al.					
3	5571703	1996-11-05	Chieffalo et al.					
4	5779164	1998-07-14	Chieffalo et al.					
5	5975439	1999-11-02	Chieffalo et al.					
6	6267309	2001-07-31	Chieffalo et al.					
7	5506123	1996-04-09	Chieffalo et al.					
8	5968362	1999-10-19	Russo, Jr.					
9	6391204	2002-05-21	Russo, Jr.					
10	5407580	1995-04-18	Hester et al.					
11	5538637	1996-07-23	Hester et al.					
12	5820687	1998-10-13	Farone et al.					
13	5726046	1998-03-10	Farone et al.					

Signature  **7/7/05**

FORM PTO-1449 THIRD SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT			ATTY. DOCKET NO. 1427.0120000/MAC/THN		APPLICATION NO. 09/967,184		
			APPLICANTS Heikkilä <i>et al.</i>				
			FILING DATE September 28, 2001		ART UNIT 1623		
			U.S. PATENT DOCUMENTS				
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
<i>OIPK</i>	AA1	4,631,129	12/23/1986	Heikkila	—	—	10/04/1985
<i>Curc</i>	AB1	4,772,334	09/20/1988	Hatanaka <i>et al.</i>	—	—	07/18/1986
<i>APR 27 2005</i>	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						
FOREIGN PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
<i>Ly</i>	AL1	WO 96/27028	09/06/1996	WIPO	—	—	Yes No
<i>Ly</i>	AM1	WO 97/49658	12/31/1997	WIPO	—	—	Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No
OTHER (Including Author, Title, Date, Pertinent Pages, etc.)							
	AR						
	AS						
	AT						
EXAMINER				DATE CONSIDERED <i>7/17/05</i>			
EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.							

INFORMATION DISCLOSURE CITATION
(Use several sheets if necessary)

JAN 23 2002

Docket Number (Optional) 14766 Application Number 09/967,184

Applicant(s) Heikki Heikkila, et al.

Filing Date September 28, 2001

Group Art Unit Unassigned

U.S. PATENT DOCUMENTS

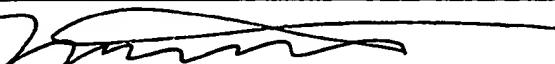
EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
(P)		5,998,607	12/7/99	Heikkila et al.			
(P)		2,684,331	7/20/54	Bauman			
(P)		2,911,362	11/3/59	Wheaton			
(P)		4,075,406	2/21/78	Melaja et al.			
(P)		4,358,322	11/9/82	Neuzil et al.			
(P)		5,084,104	1/28/92	Heikkila et al.			
(P)		4,880,919	11/14/89	Kulprathipanja			
(P)		4,816,078	3/28/89	Schiweck et al.			
(P)		4,664,718	5/12/87	Chang			

FOREIGN PATENT DOCUMENTS

REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
						YES	NO
(T)	WO 99/57326	11/11/99	PCT			X	

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

(P)		Blaschek, Wolfgang, Journal of Chromatography, 256 (1983) 157-163 "Complete separation and quantification of neutral sugars from plant cell walls and mucilages by high-performance liquid chromatography"
(P)		JP-A-9127090, Chemical Abstract 127:47442, dated November 2, 1995 <i>abstract only</i>

EXAMINER 

DATE CONSIDERED

3/25/03

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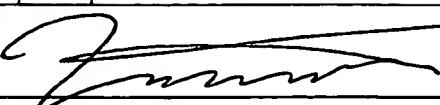
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Docket Number (Optional)	14766	Application Number	09/967,184
Applicant(s)		Heikki Heikkila et al.	
Filing Date	September 28, 2001	Group Art Unit	Unassigned

*EXAMINER
INITIAL

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

(R)	Finnish Patent Application No. 962,609 (corresponding to U.S.S.N. 08/880,382) (1997)
(B)	Samuelson, Olof, J. Methods Carbohy. Chem., 6 (1972) 65-75 "Partition Chromatography on Ion-Exchange Resins"
(B)	Takasaki, Yoshiyuki, Agr. Biol. Chem. 36 (1972) pp. 2575-77 "On the Separation of Sugars"
(B)	Lindberg, Bengt et al., Carbohyd. Res. 5 (1967) pp. 286-291 "Preparative Separations Of Sugars On Bisulphite Resins"
(T)	DE 3545107 [corresponding to U.S. Patent No. 4,772,334 (to Masayoshi et al.)] (1988)
(B)	Barker, S.A. et al., Carbohydrate Research, 26 (1973) 55-64 "The Use of Poly(4-vinylbenzeneboronic Acid) Resins in the Fractionation and Interconversion of Carbohydrates"
(B)	CA 1249812 [corresponding to U.S. Patent No. 4,631,129 (to Heikkila)] (1986)
(B)	Finnish Patent Application No. 97625 [corresponding to WO 96/27028] (1996)
EXAMINER 	DATE CONSIDERED 3/25/03

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